

## 32-4343: Recombinant Human Neuronal Regeneration Related Protein

**Alternative Name :** Neuronal regeneration-related protein, Neuronal protein 3.1, Protein p311, NREP, C5orf13, P311, PTZ17, Chromosome 5 Open Reading Frame 13, Neuronal Regeneration Related Protein Homolog (Rat), D4S114, PRO1873, SEZ17, Neuronal Regeneration Related Prot

### Description

Source : Escherichia Coli. NREP Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 91 amino acids (1-68) and having a molecular mass of 10.3kDa. NREP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Neuronal Regeneration Related Protein (NREP) has roles in neural function. NREP promotes axonal regeneration. In addition, NREP has functions in cellular differentiation. NREP protein induces differentiation of fibroblast into myofibroblast and increases retinoic-acid regulation of lipid-droplet biogenesis. NREP down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3. NREP has a role in the regulation of alveolar generation.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85.0% as determined by SDS-PAGE.  
**Content :** The NREP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMVYYPEL FVWVSQEPFP NKDMEGRLPK GRLPVPKEVN RKKNDETNAA SLTPLGSSEL RSPRISYLHF F.

